

Fig. 1A

The diagram illustrates a closed-loop microfluidic system 111. A central horizontal loop 107 contains a mixing region 107c. Two side loops, 107d and 107e, branch off from the main loop. Reagents A, B, C, D, and E are introduced into the system at specific points. A control unit 113 is connected to the system via lines 115a and 115b. Other components labeled include 110a, 110b, 110c, 117, and 121.

Fig. 1B

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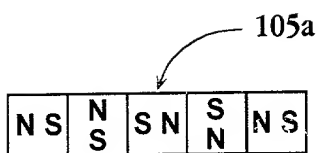


Fig. 2A

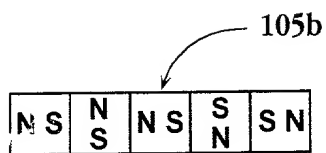


Fig. 2B

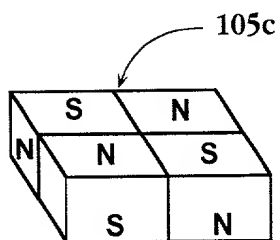


Fig. 3A

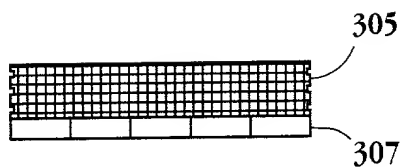


Fig. 3B

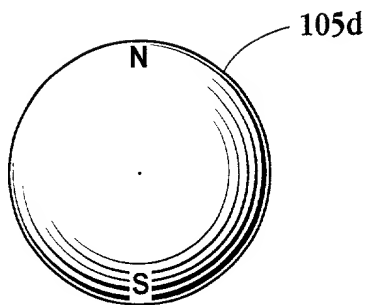


Fig. 4

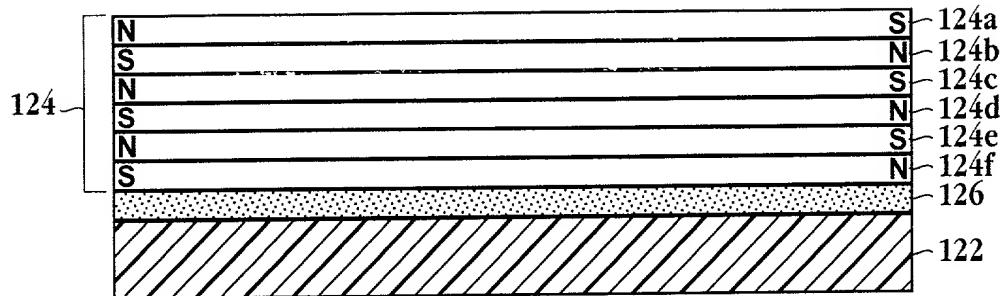


Fig. 5A

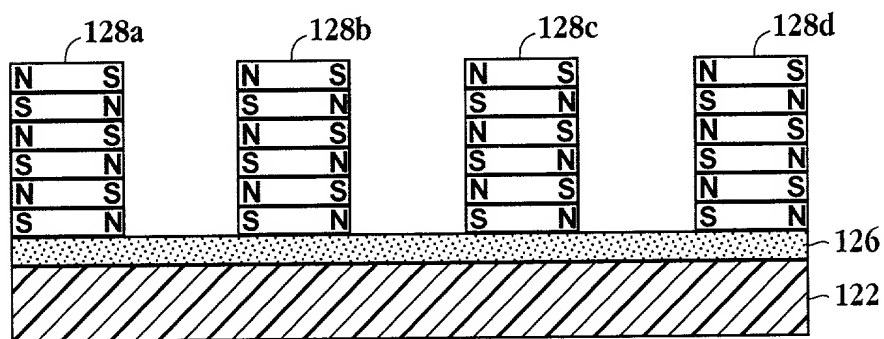


Fig. 5B

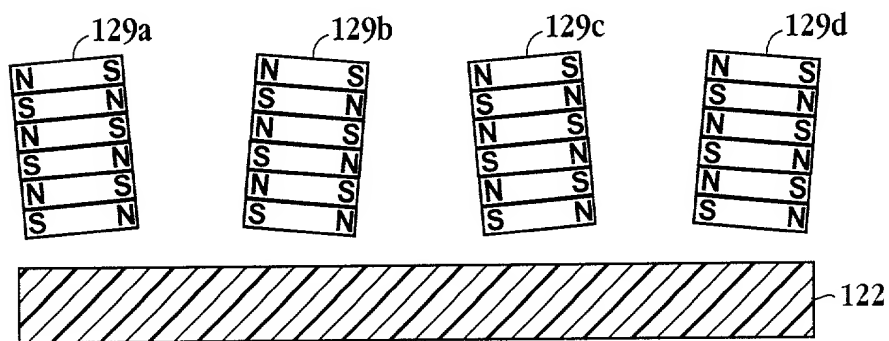


Fig. 5C

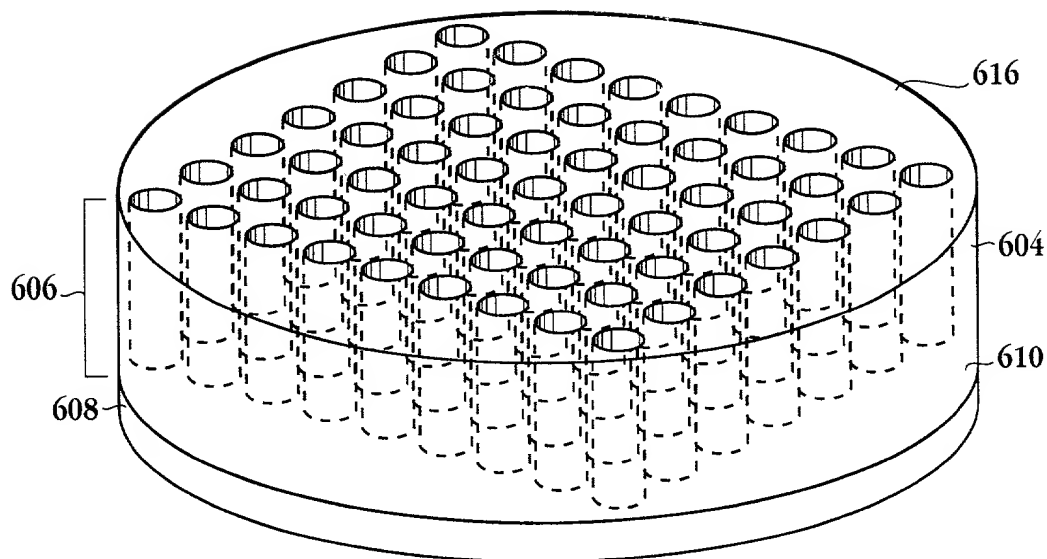


Fig. 6A

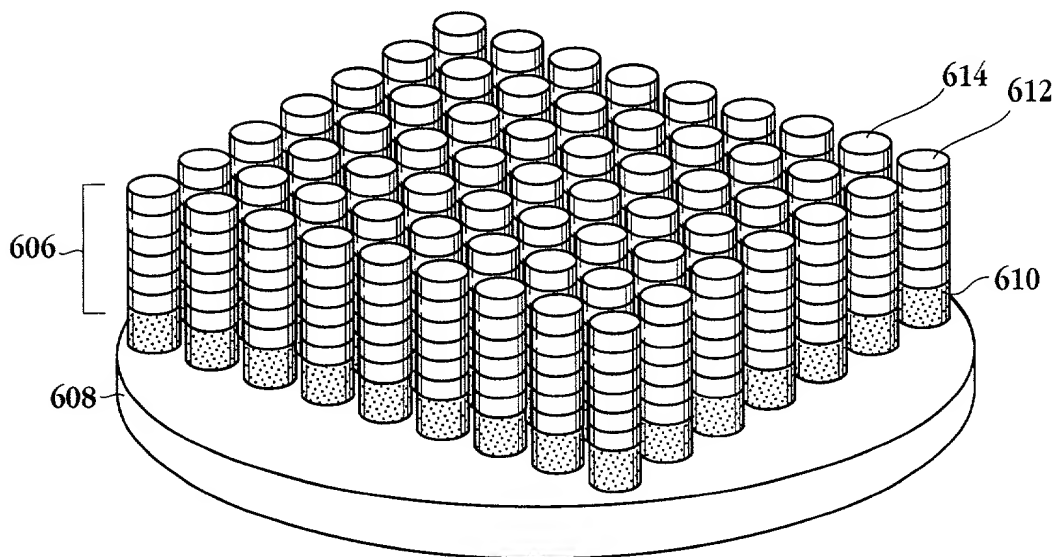


Fig. 6B

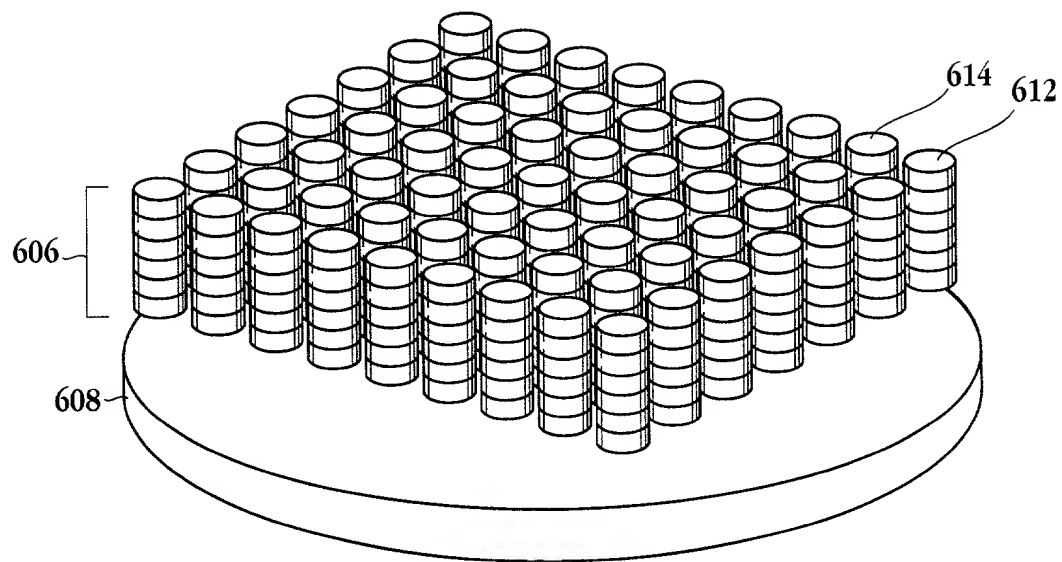
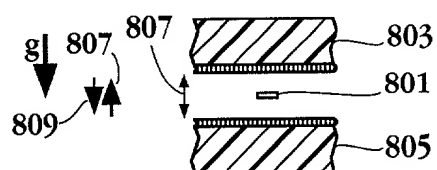
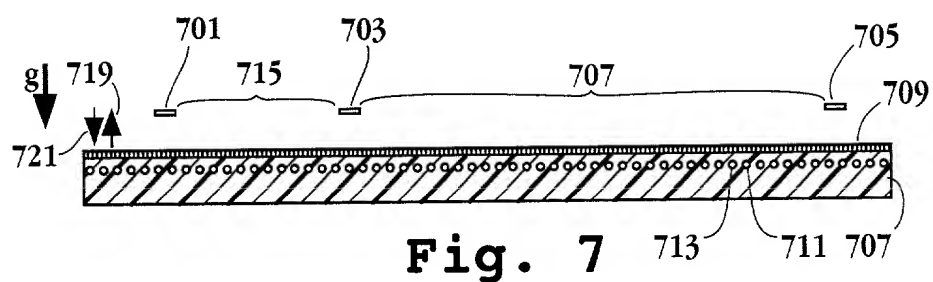


Fig. 6C

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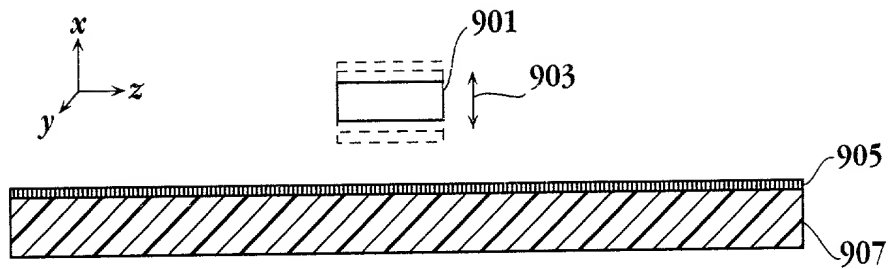


Fig. 9A

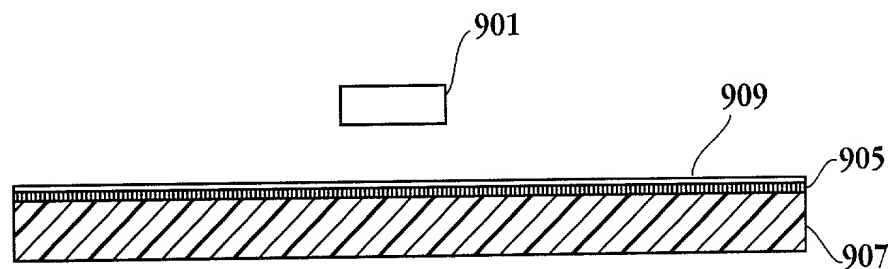


Fig. 9B

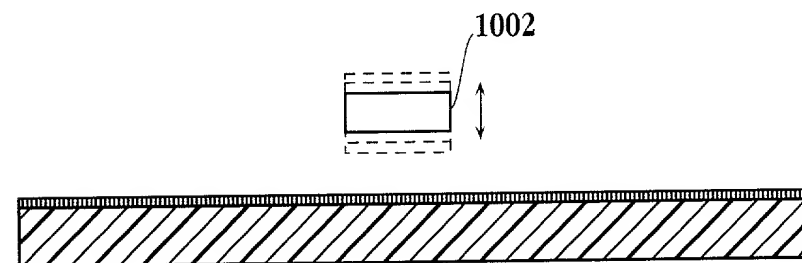


Fig. 10A

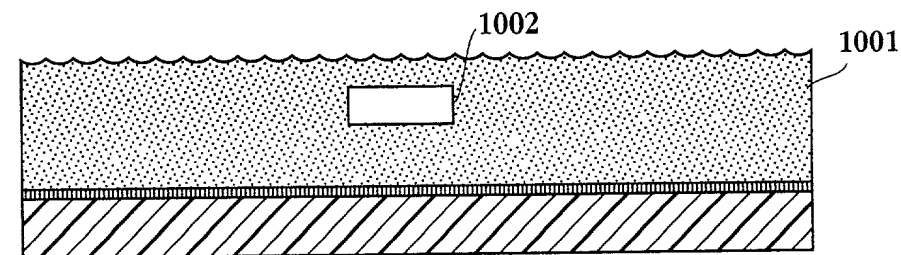


Fig. 10B

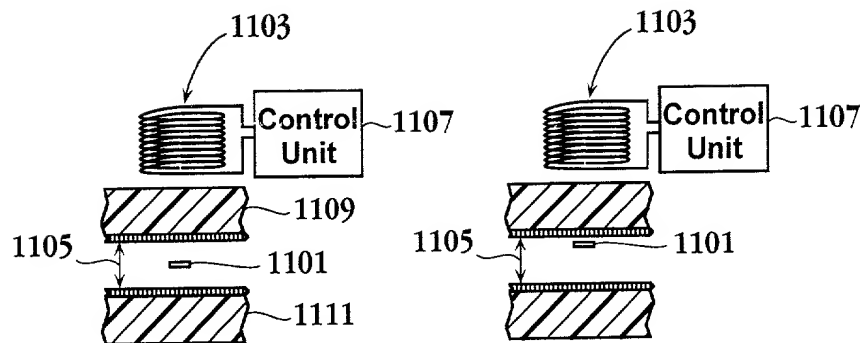


Fig. 11A

Fig. 11B

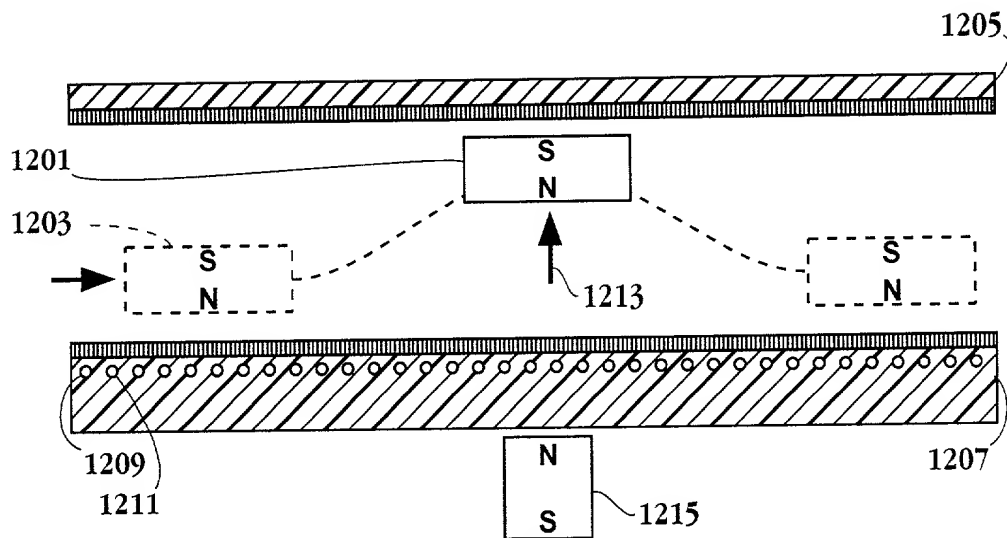


Fig. 12

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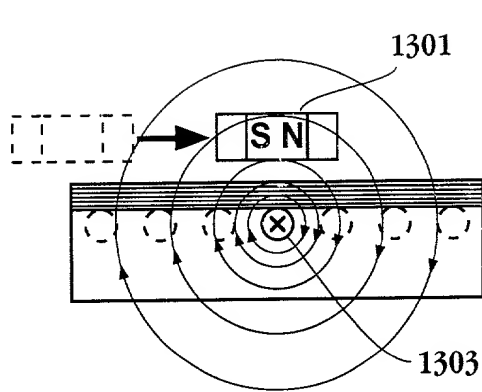


Fig. 13A

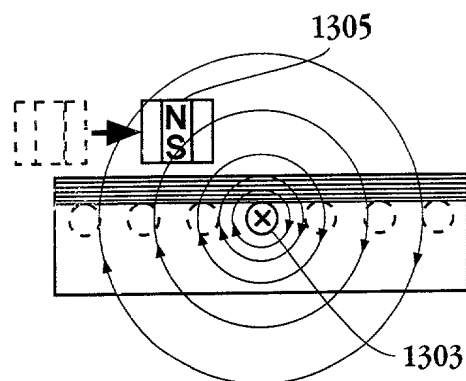


Fig. 13B

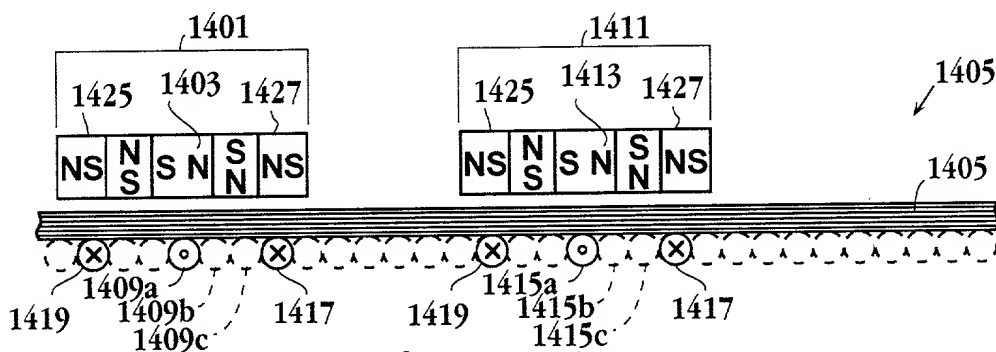


Fig. 14A

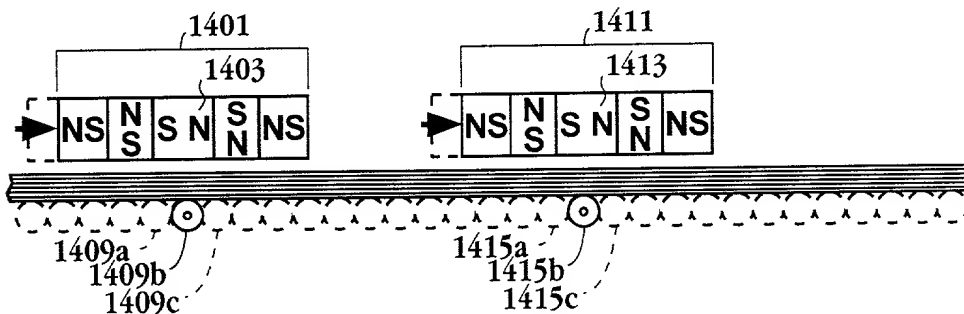


Fig. 14B

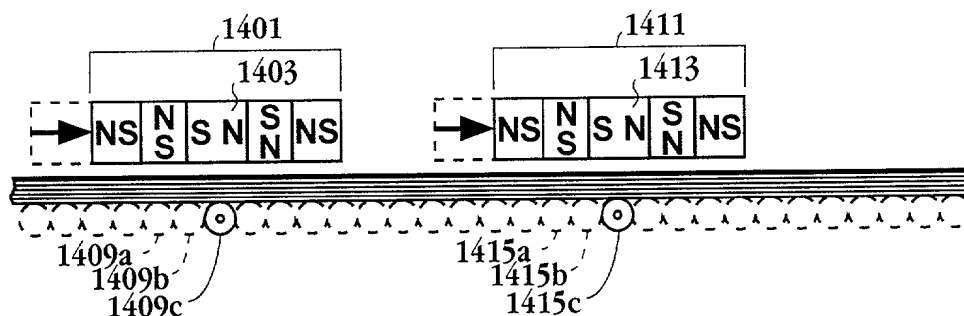


Fig. 14C

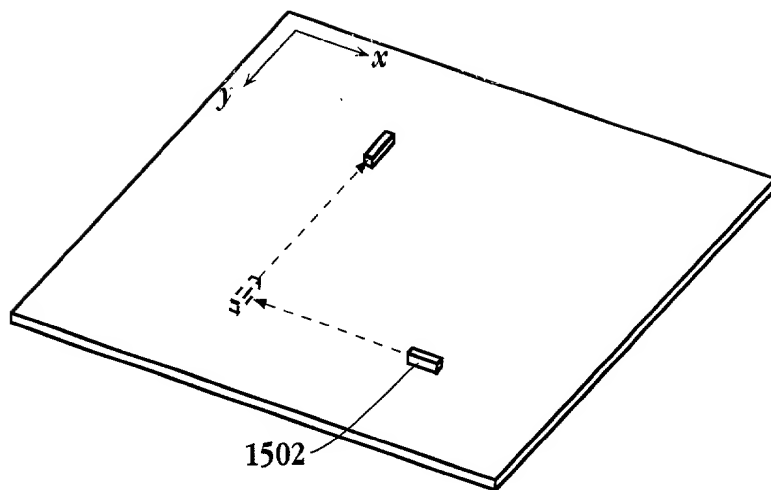


Fig. 15

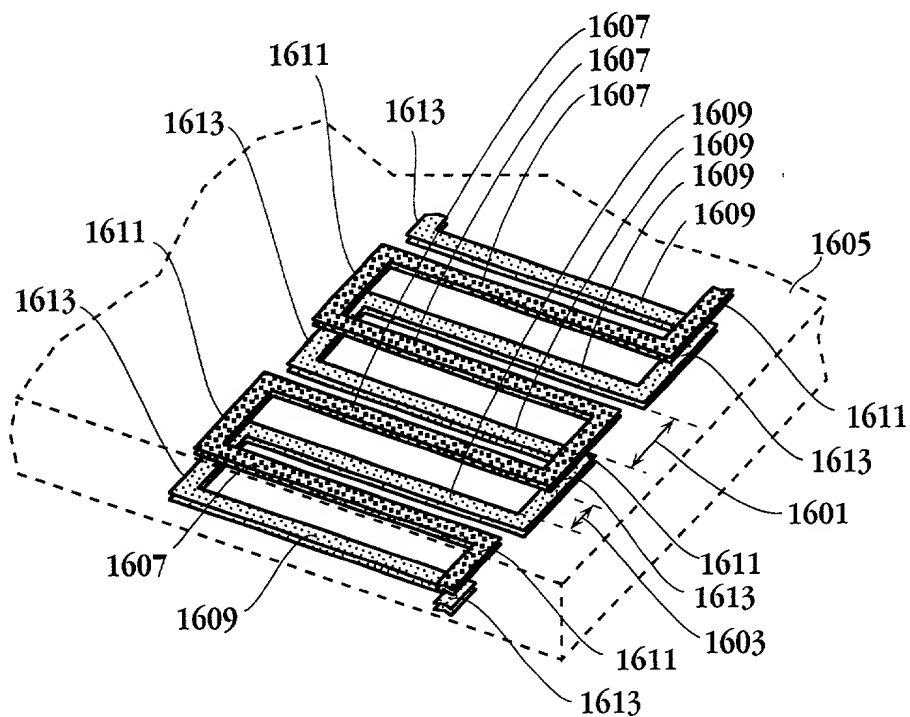


Fig. 16

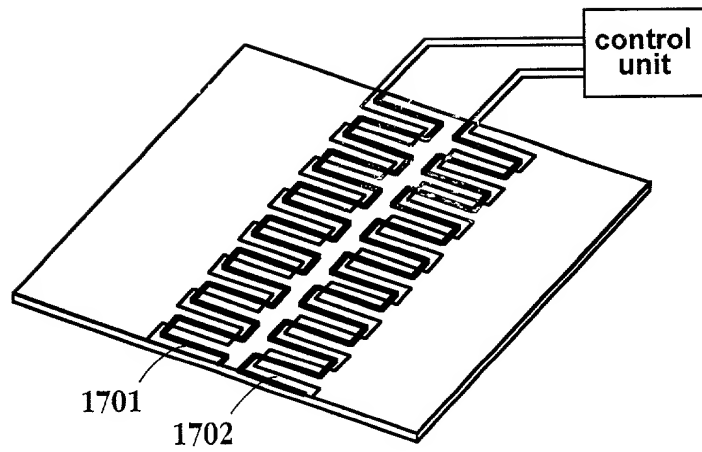


Fig. 17

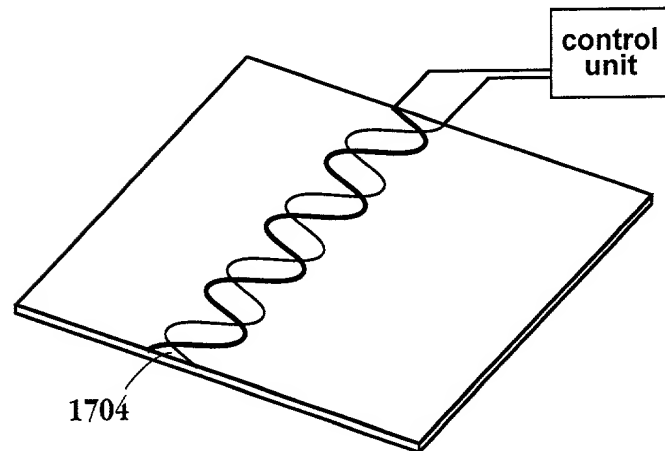


Fig. 18

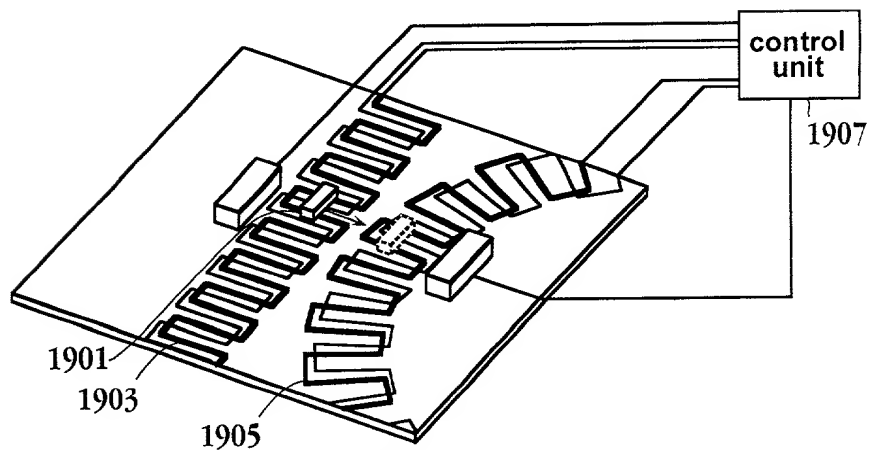


Fig. 19A

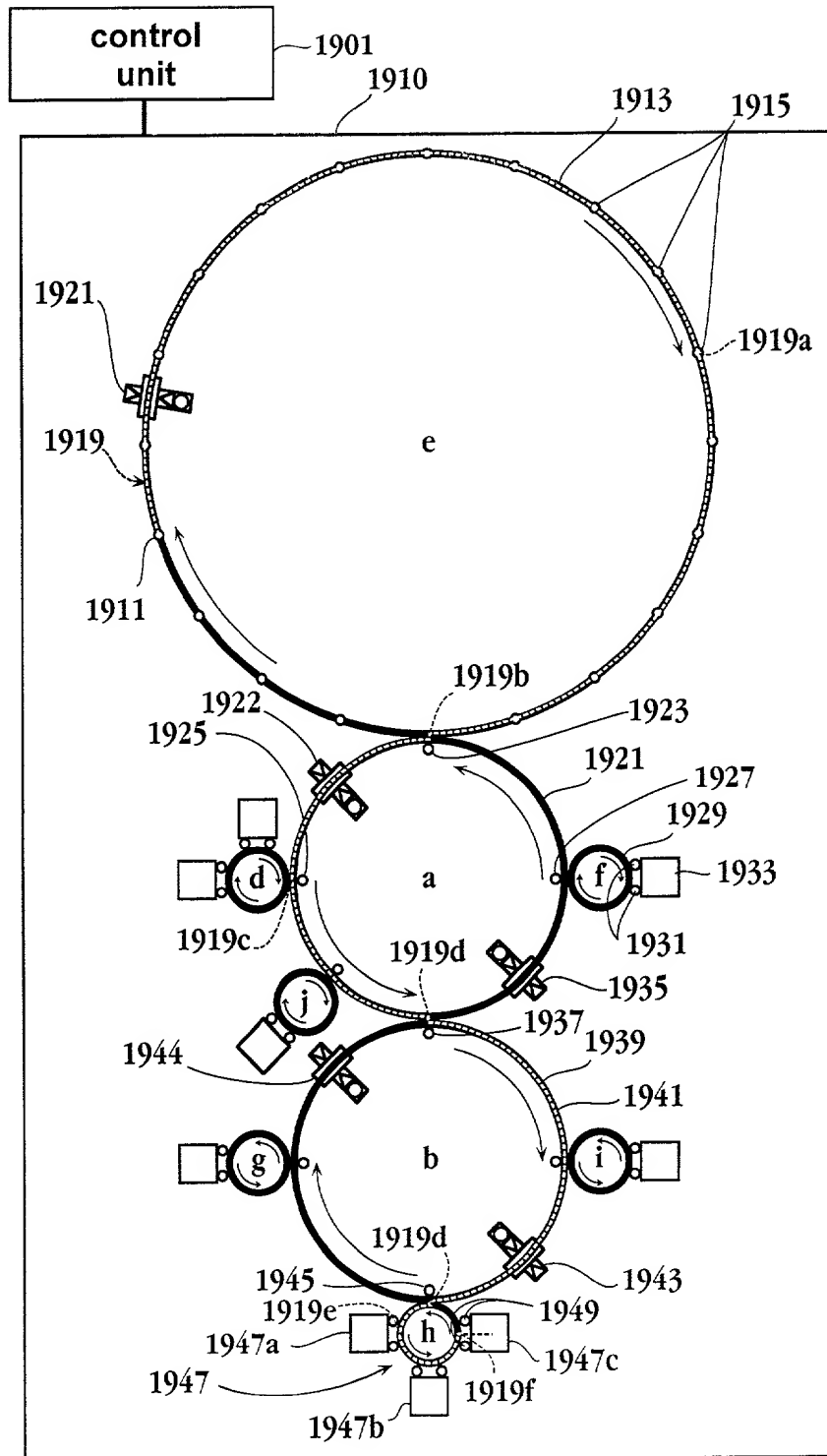


Fig. 19B

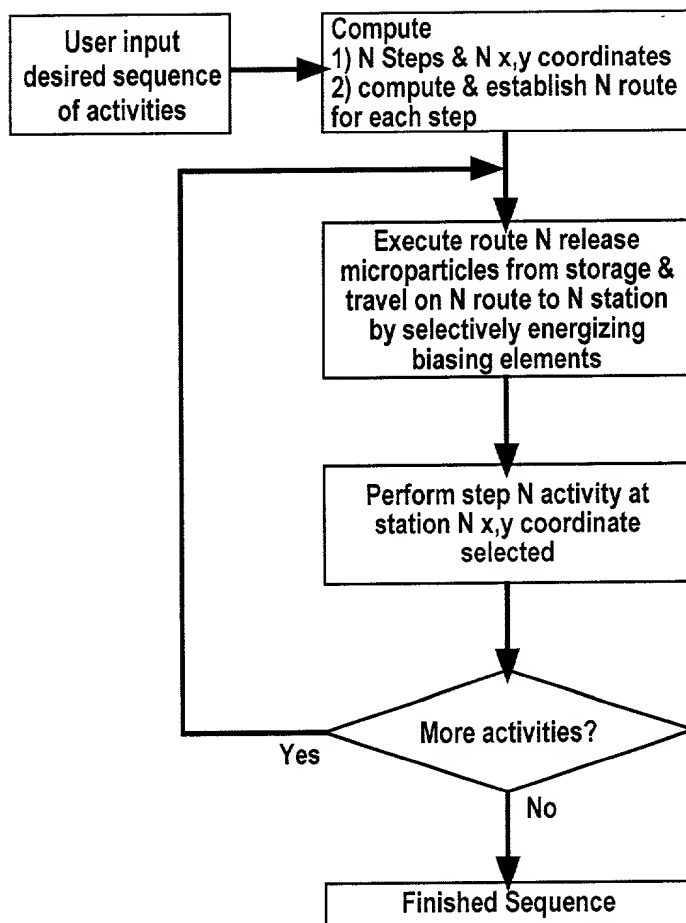


Fig. 19C

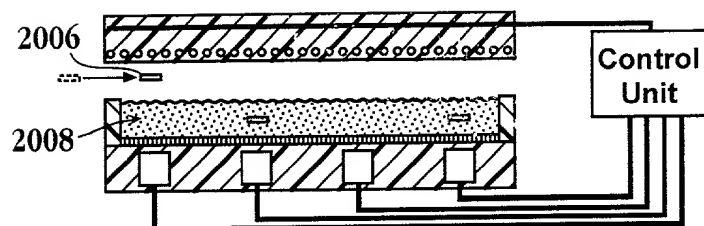


Fig. 21A

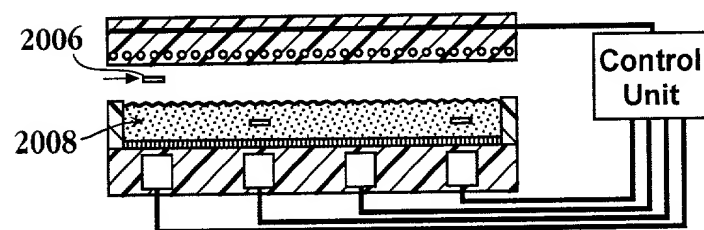


Fig. 21B

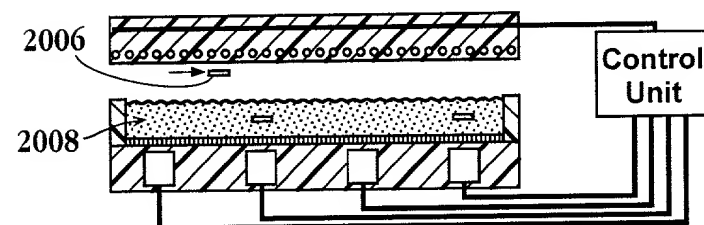


Fig. 21C

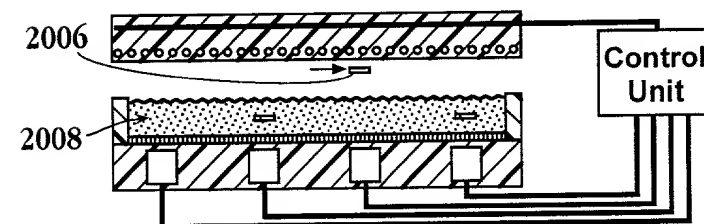


Fig. 21D

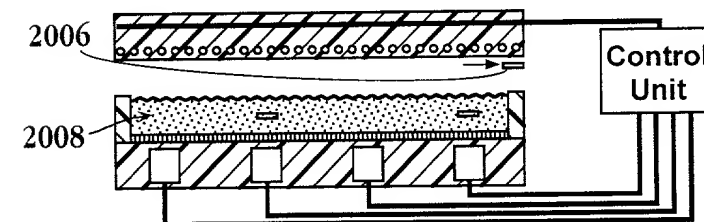


Fig. 21E

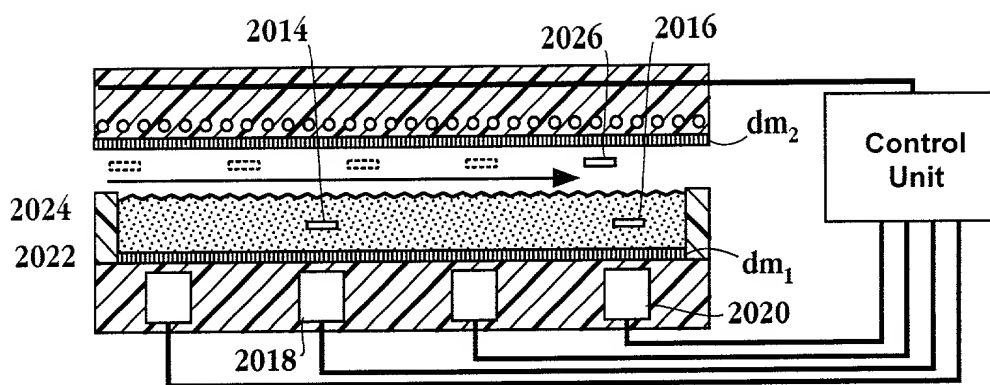


Fig. 23

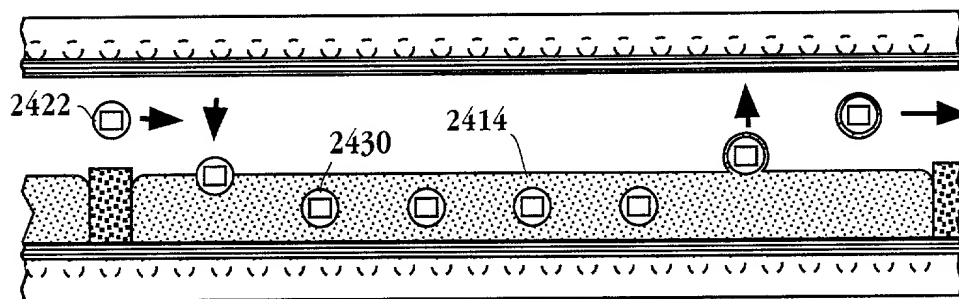


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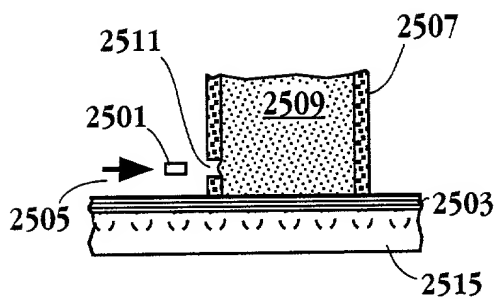


Fig. 25A

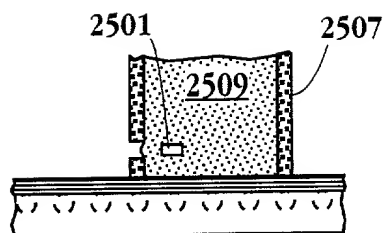


Fig. 25B

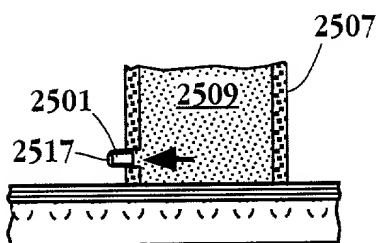


Fig. 25C

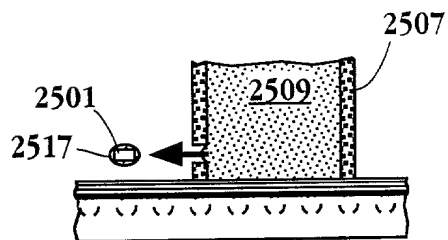


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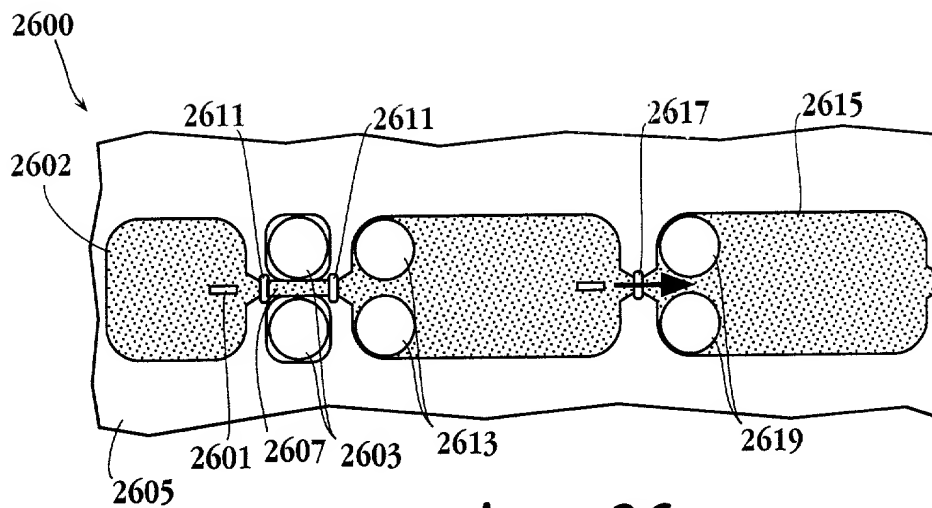


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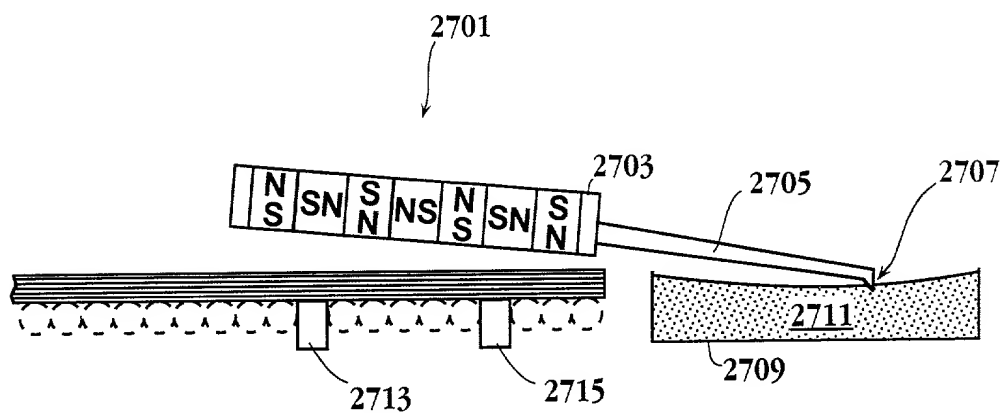


Fig. 27A

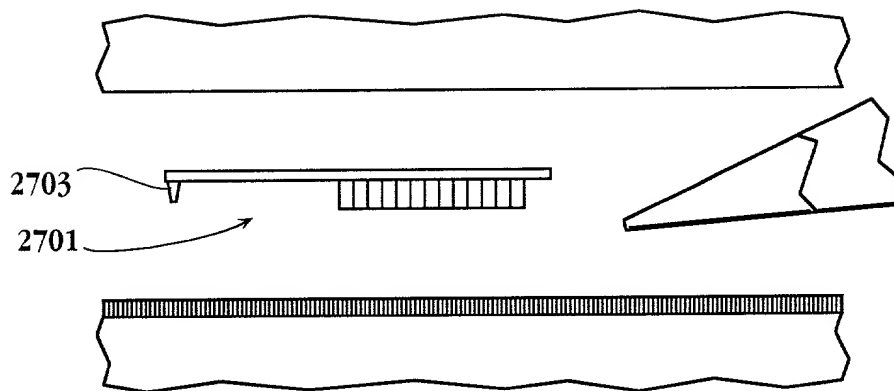


Fig. 27B

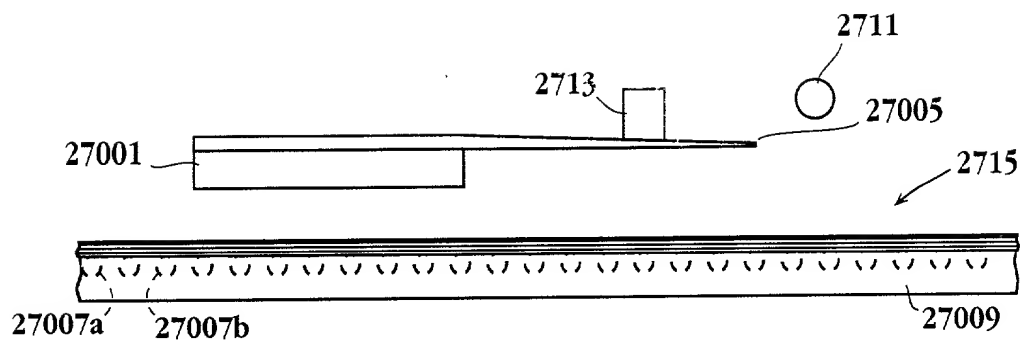


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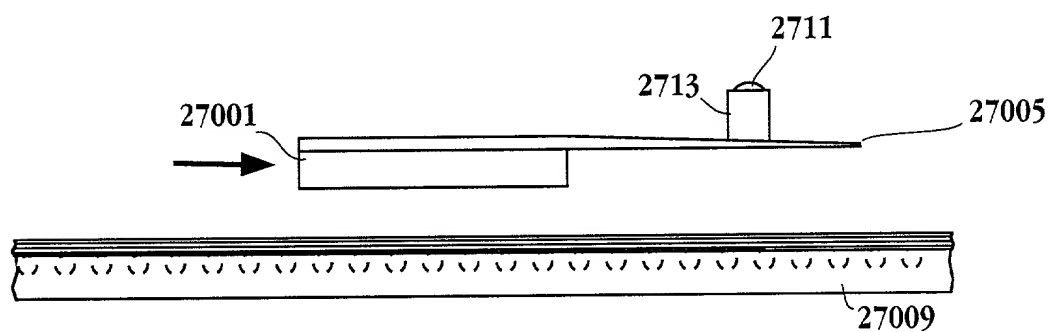


Fig. 27D

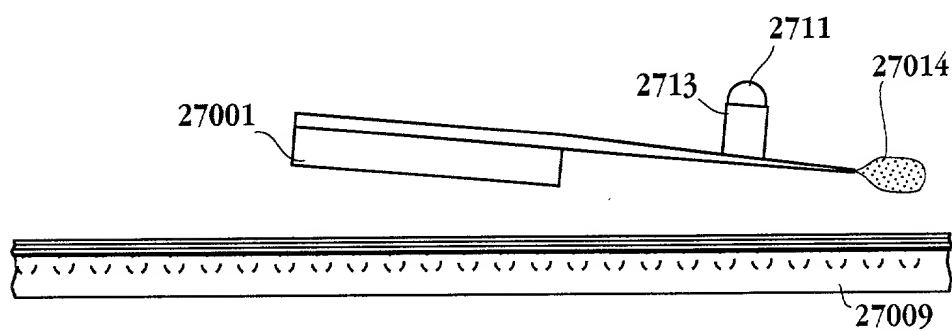


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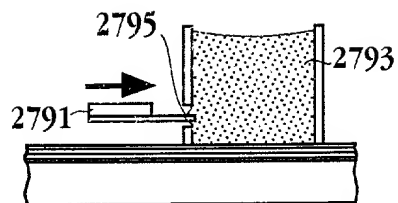


Fig. 27F(1)

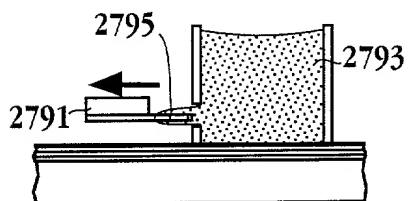


Fig. 27F(2)

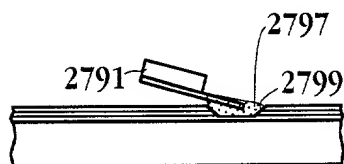


Fig. 27F(3)

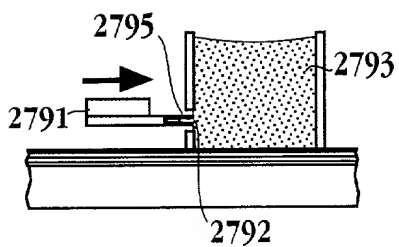


Fig. 27G(1)

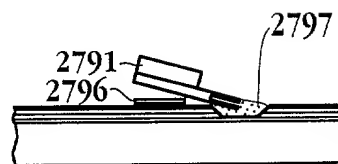


Fig. 27G(2)

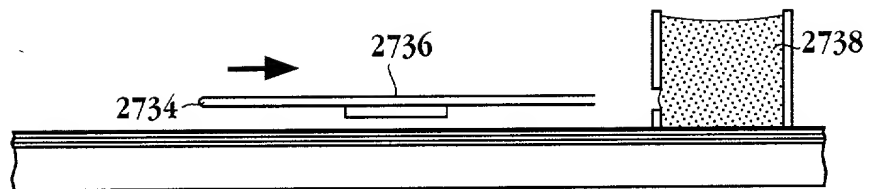


Fig. 27H

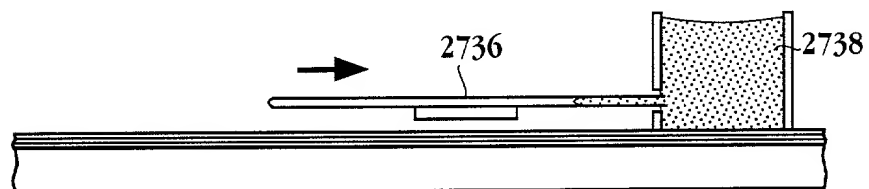


Fig. 27I

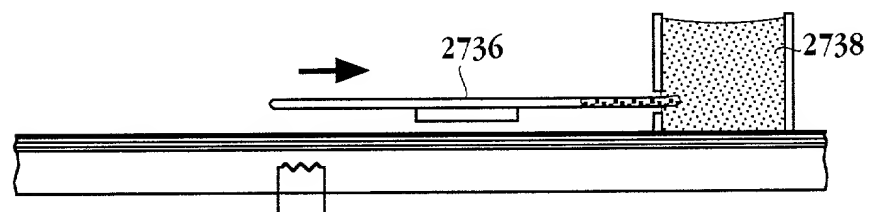


Fig. 27J

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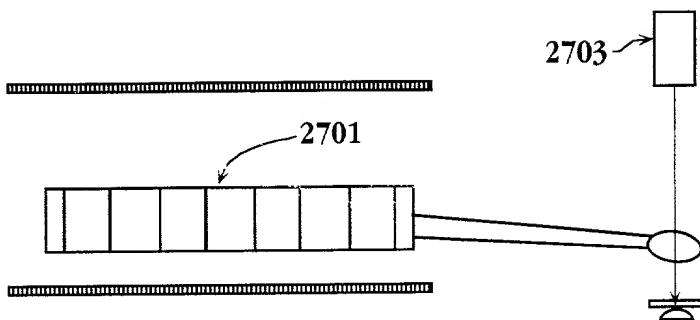


Fig. 28A

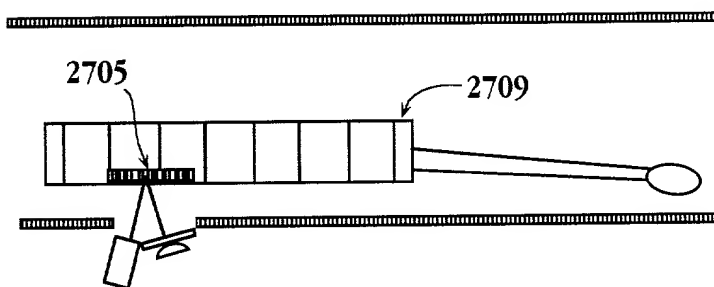


Fig. 28B

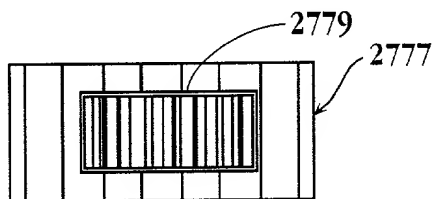


Fig. 29A

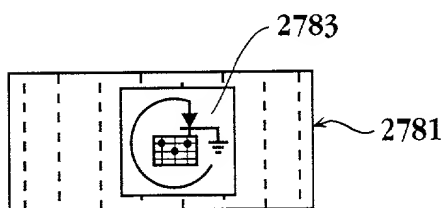


Fig. 29B

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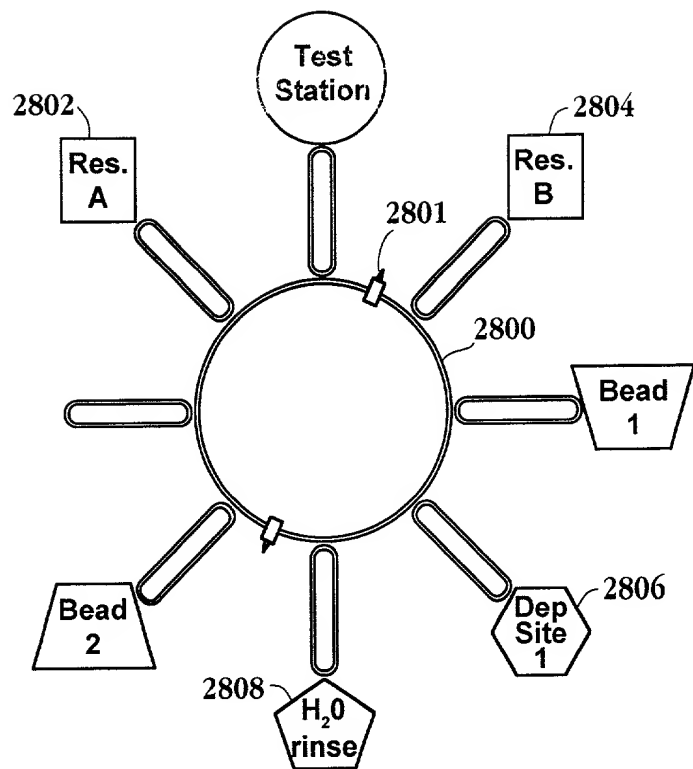


Fig. 30A

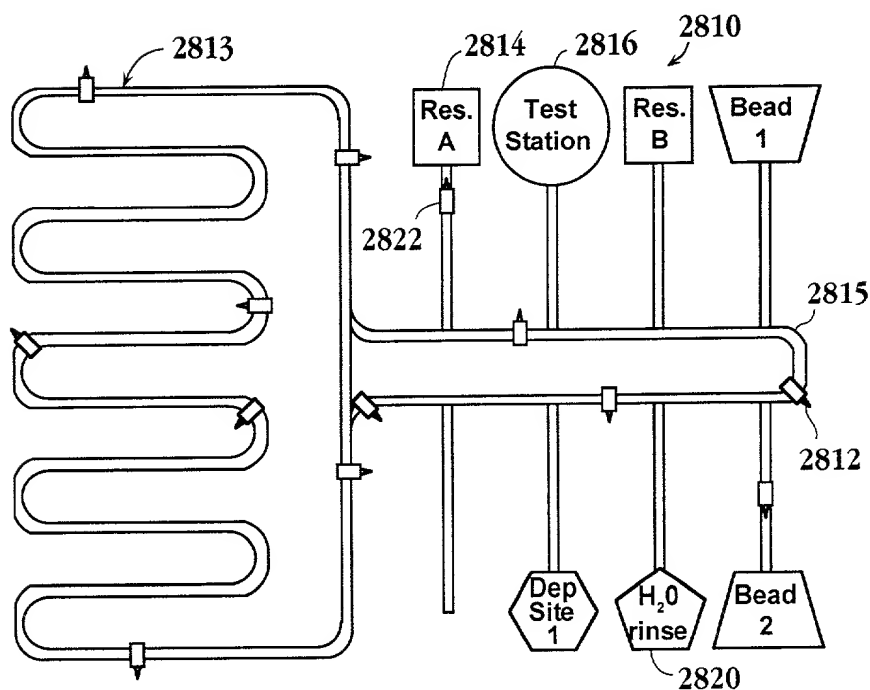


Fig. 30B

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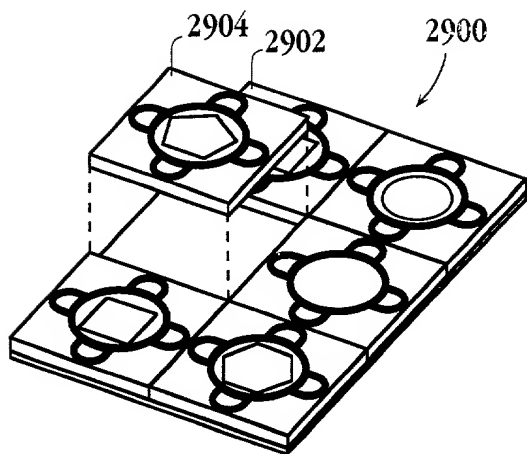


Fig. 31A

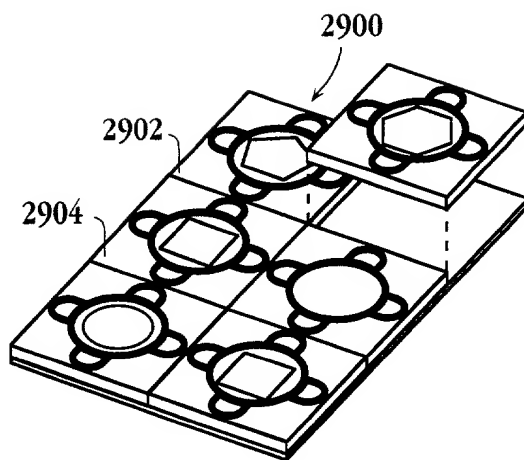


Fig. 31B

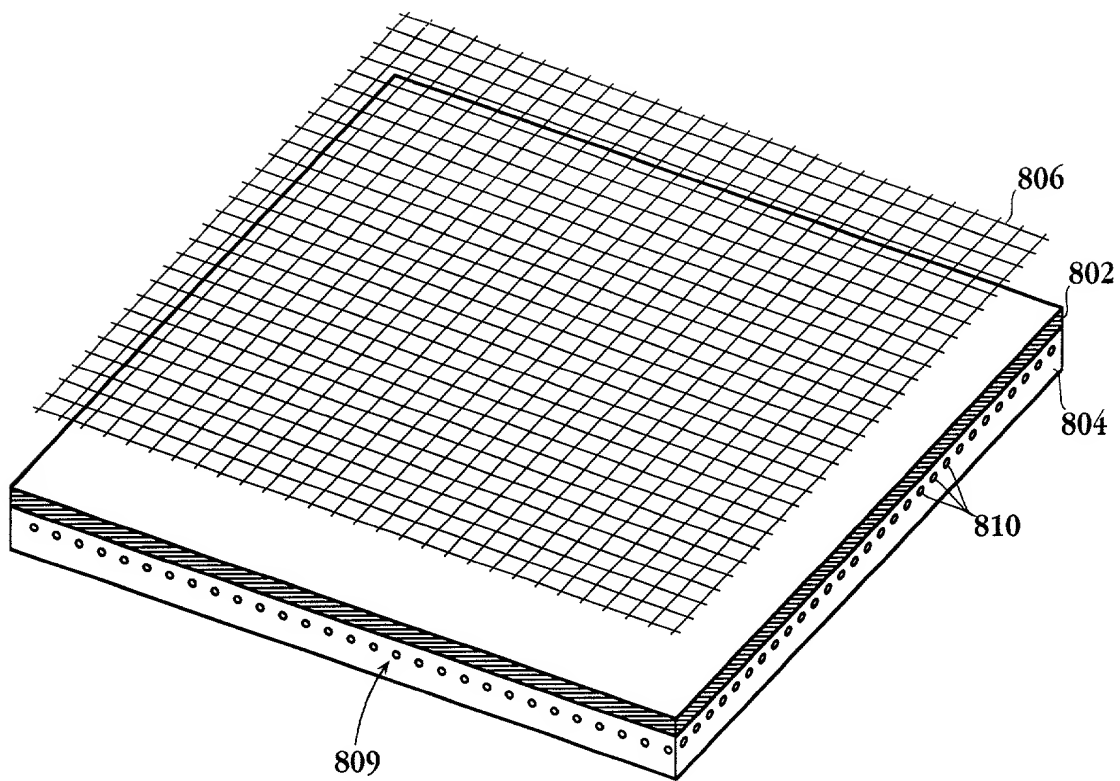


Fig. 32A

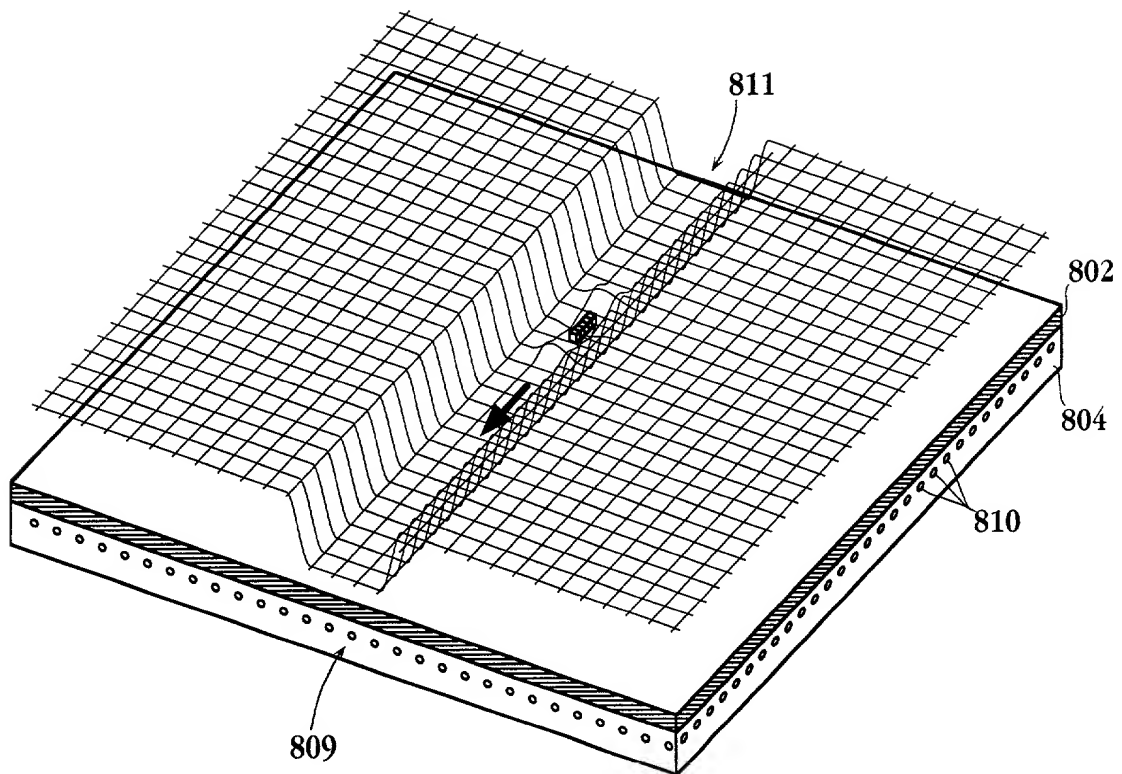


Fig. 32B

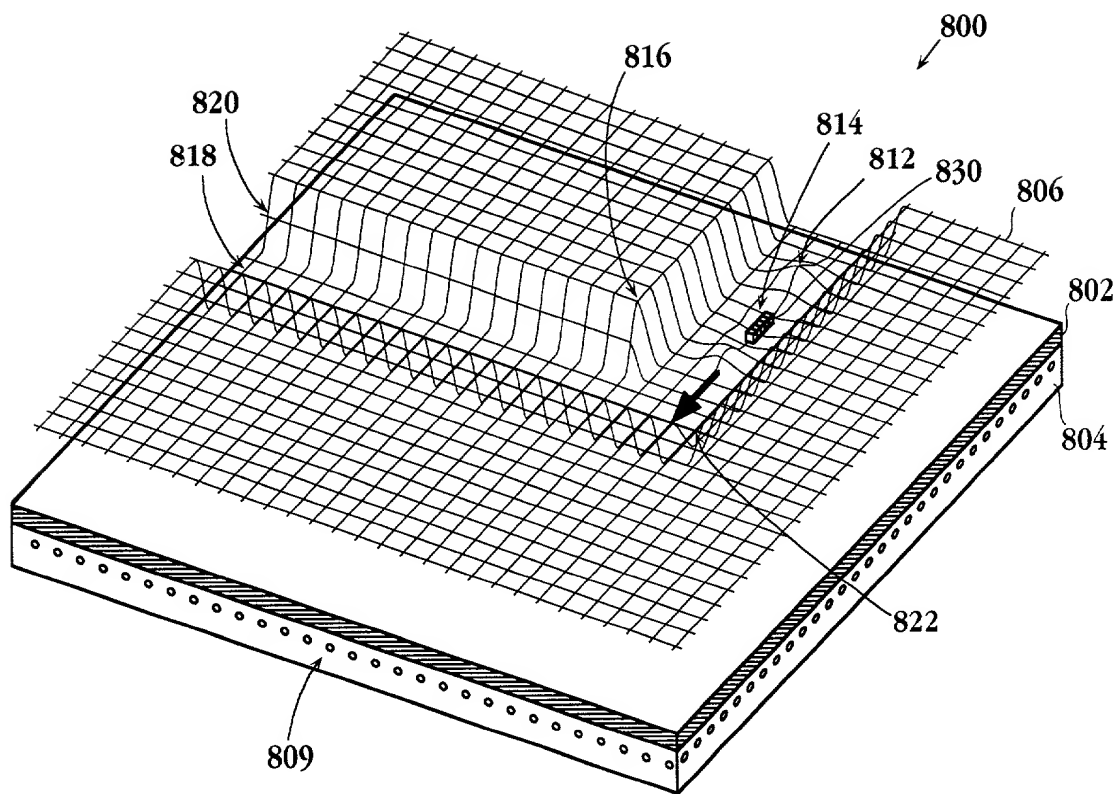


Fig. 32C

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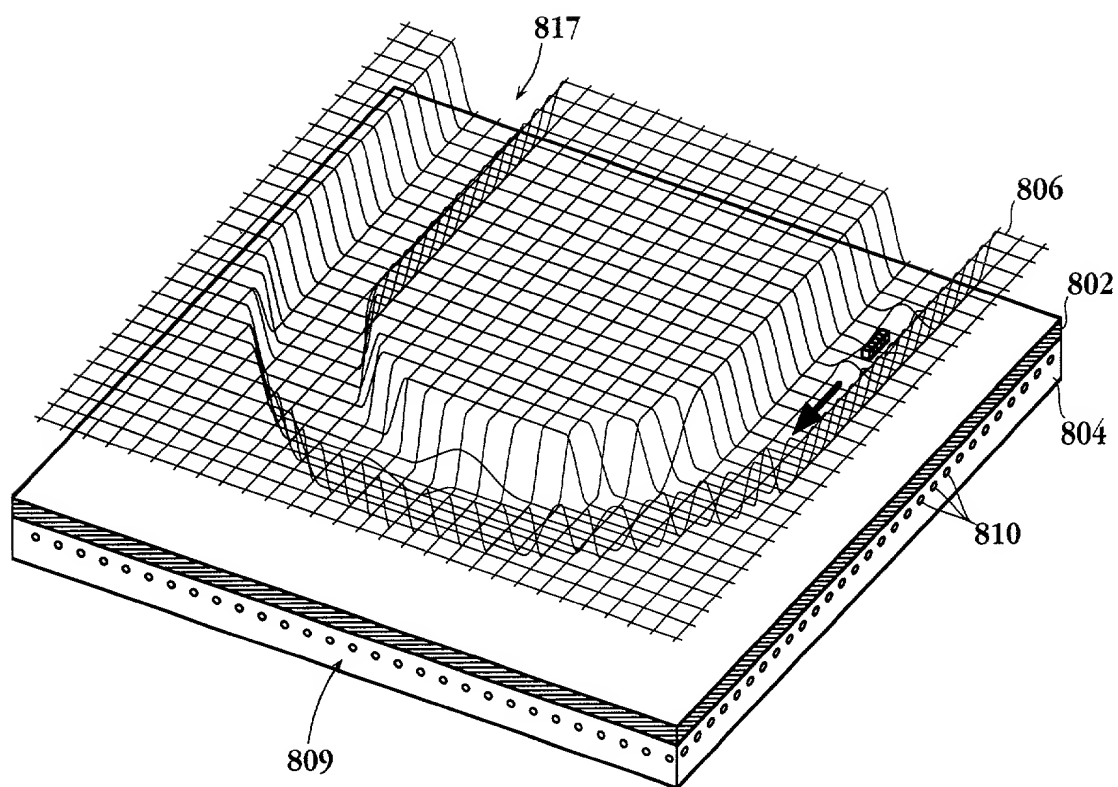


Fig. 32D

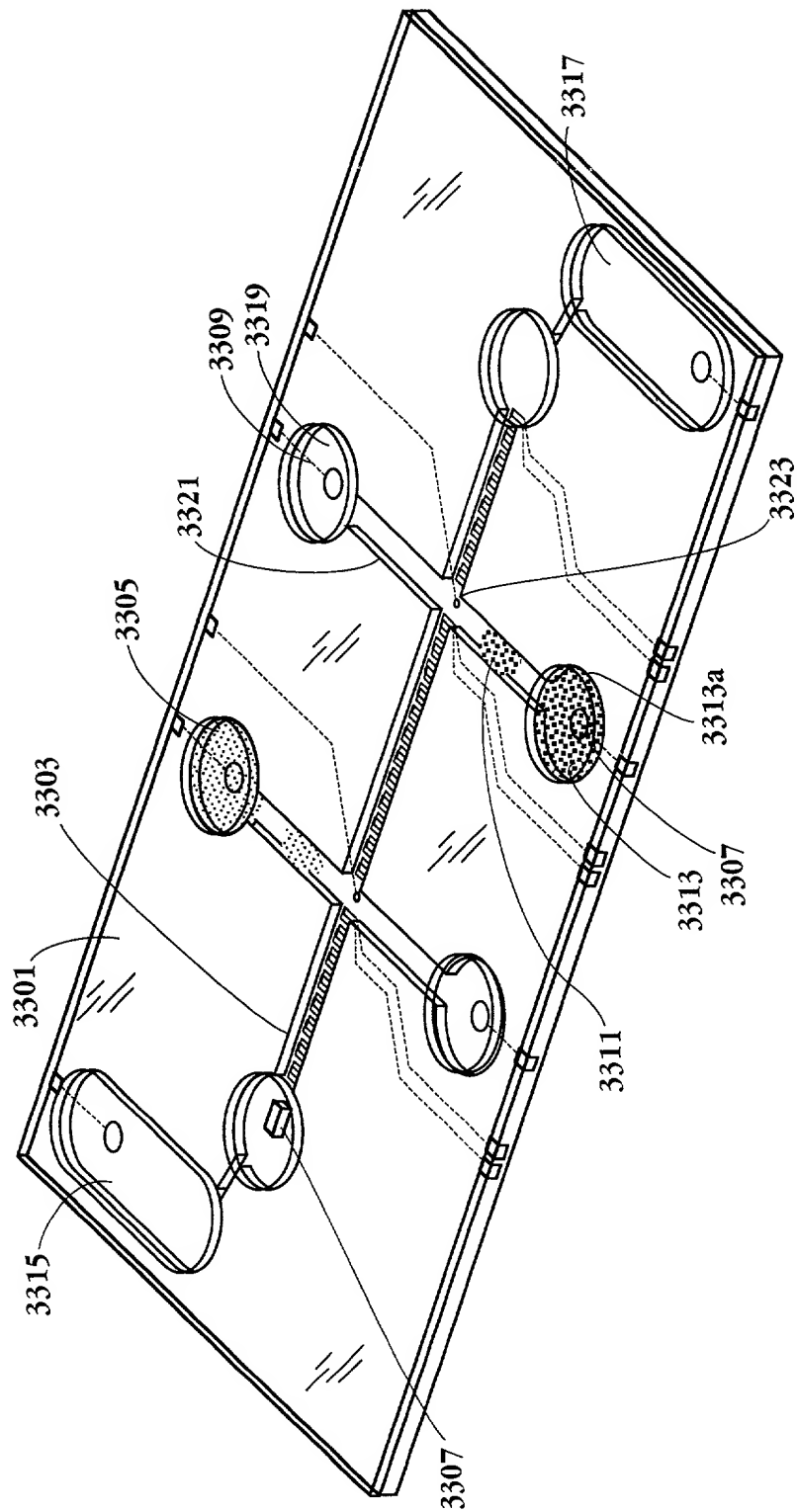


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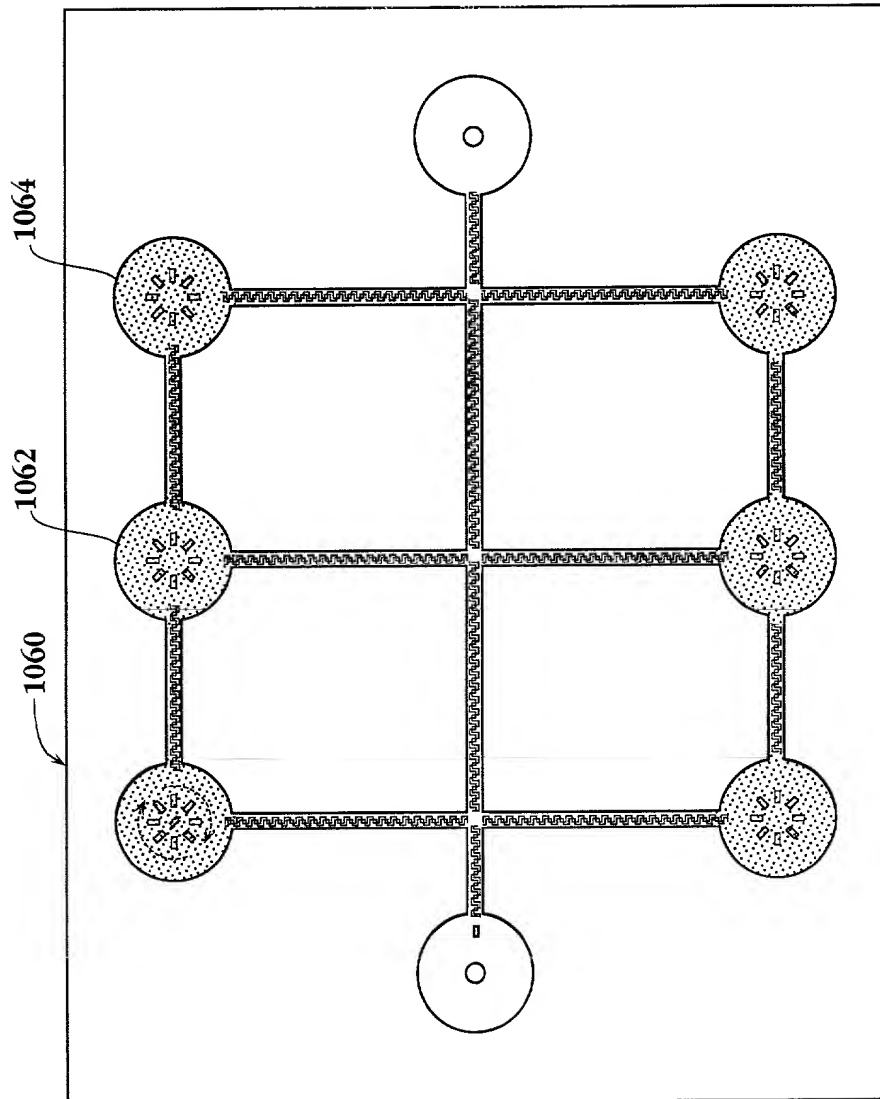


Fig. 34

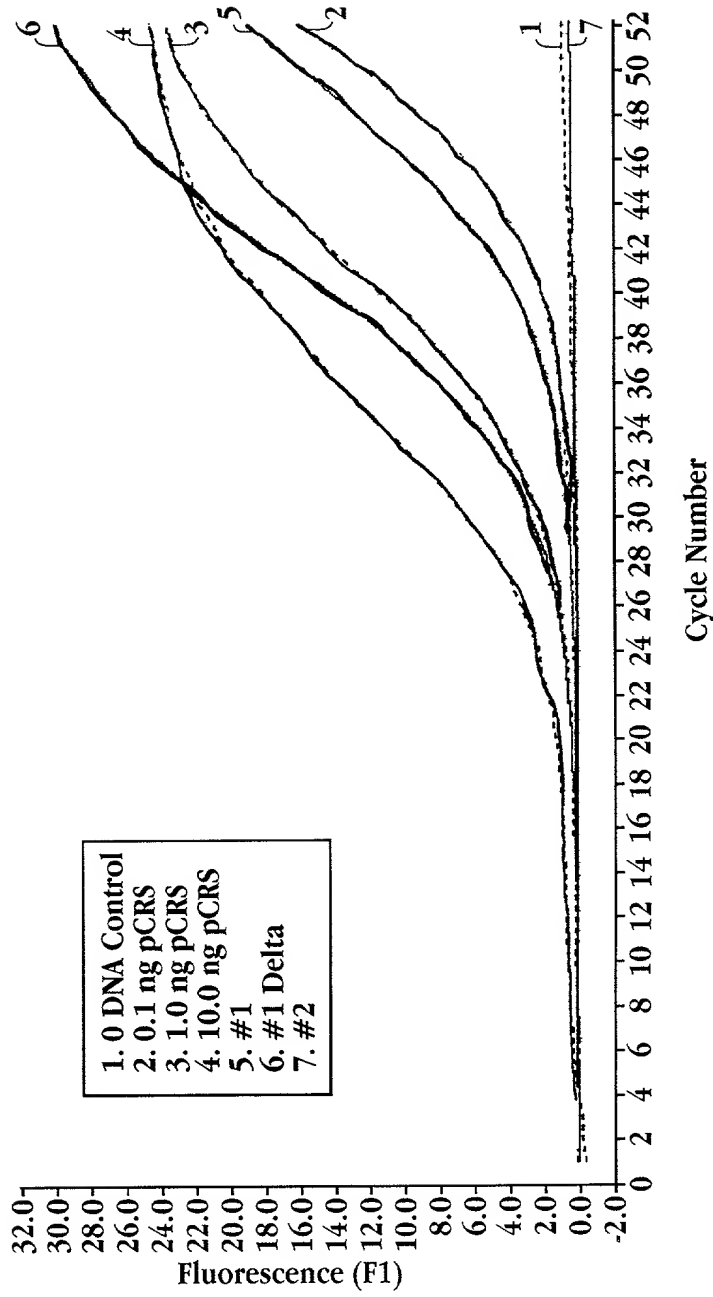


Fig. 35

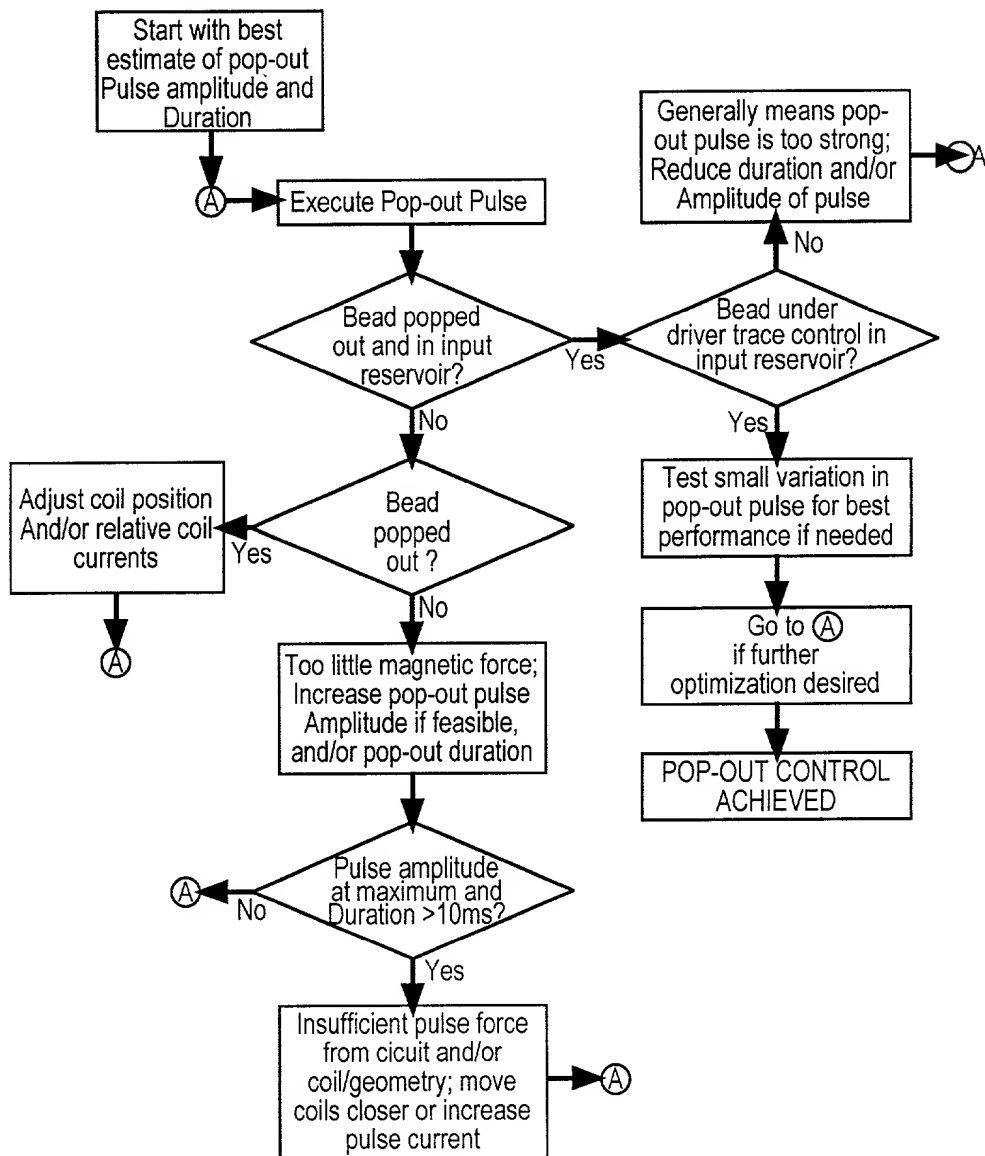


Fig. 36